

P2130-6 (DS-4)

MEMORANDUM

26 Jan 65

DCR

Inactive File
Removal of Warning Term

Reference: HQSG 8933-8-3 (DLOR 4) dated 13 Jan 65

1. Colonel RJ Carson, now Director International Operations and formerly Chief Engineer, was contacted today in connection with the disposal of this file. He stated:

- a. there is no need for any of the contents, nor the file jacket itself, to be marked "CANADIAN EYES ONLY" and such warning should be cancelled from wherever it appears with this file;
- b. following action in para 1a. above, the file should be put away, as an inactive file, with Central Registry.

2. May the action suggested by Colonel Carson be carried out, please.

J. H. Ritchie Major
for (AR Ritchie)
Colonel
DS
4-9159

Copy (for info): DLOR

HQSG 8933-8-3 (DLOR 4)

9/15

MEMORANDUM

13 Jan 65

DMI

①

RETENTION OF FILE
ATOMIC DEMOLITIONS MUNITIONS

Reference: See Flag A.

1. This file has been on permanent charge to the office of the Chief Engineer which office no longer exists. It is not required by this Directorate and is therefore forwarded to you for disposal.

②

Directorate of Security

Yours, for action.

[Handwritten signature]
DMI
14 Jan 65

[Handwritten signature]
(G.R.A. Coffin)
Colonel
Director of Land
Operational Requirements

DEPARTMENT OF NATIONAL DEFENCE
MINUTE SHEET

SECURITY CLASSIFICATION

FILE NUMBER

TD

REFERENCE

5 (w) 3310-84/E3 (Engr)

DATED

10 Apr 64

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

EIC

1. For information.
2. In view of the present policy on nuclear weapons, it would appear that we have no vital interest in this item
3. Do you wish us to retain this information or PA to the HQ file?

PA → 8933-8-3
 K.L. (C26)
 22 Apr 64
 Pt. de HQ file:
 22 Apr.

CE

RE TELECON CAMERON-
SMITH, ATTACHED IS
LOOSE PAPER ORIGINALLY

CE 10582740 TO CE

APR .

NAME	TO	INIT
CE		
E1		
E2		
E1A		
E1B		
E1C		
E2A		
E2B	<i>K</i>	<i>h</i>
E2C		
SC		

Jan Smuts
DEC (FFFA)
21 APR 64.

Our file ref. CAS(W) 3310-84/E3(Engr)



CANADA

DEPARTMENT OF NATIONAL DEFENCE

CANADIAN JOINT STAFF

2450 Massachusetts Ave., N.W.
Washington 8 D.C.
U.S.A.

10 April 1964

DA

Army Headquarters
Department of National Defence
Ottawa 4, Ontario.

referred to *CE*
Attention: CE *15* 1964
File No. *8933-8-3*
Chgd to *CE 6-3-64*

Atomic Demolition Charge
Training Equipment
Summary of Training Device

1. Reference our letter of even file dated 24 May 63.
2. Attached for your further information is a single copy of a Summary of US Army training device XM 15 ADC.

JAW Bennett
(JAW Bennett)
Brigadier
Commander
Canadian Army Staff (W)

Att ✓

5

Handwritten initials

DEE/QMG/AHQ	
Referred to:.....	
Received:	APR 17 1964
File No: HQ/DEE.....	
Purport No:.....	<i>Handwritten number</i>
Charged to:.....	

CAS(W)3310-84/E3(Engr)

10 April 1964

Army Headquarters
Department of National Defence
Ottawa 4, Ontario.

Attention: CE

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Training Equipment
Summary of Training Device

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ORIGINAL SIGNED BY
D.G. MC CLELLAN, MAJOR

f
(JAW Bennett)
Brigadier
Commander

Canadian Army Staff (W)

Att

RECEIVED
10 APR 1964
11 11 AM
CANADIAN ARMY STAFF (W)



D. G. MC CLELLAN, MAJOR
ORIGINAL SIGNED BY

Referred to:	DEE/QM/G/AHC
Received:	APR 17 1984
File No. / DEE	49333-8
Purpose / No.	7762
Character / No.	

**Pages 52 to / à 53
are withheld pursuant to section
sont retenues en vertu de l'article**

15(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

SECRET

MEMORANDUM

HQSG 8933-8-3 (DGPO)

4 Mar 64

CE (through DMO&P)

Atomic Demolition Munitions Canadian Army Interest

1. Reference the draft letter on this subject at flyleaf.
2. I am directed to say that this subject is not to be pursued. It will not be our policy to train in Canada on items of this nature for which the Army has not an immediate direct operational commitment.

RECEIVED
3/ 5 MAR 1964
DMO & P
Director X161
MO 1
MO 2
MO 3 *und

[Signature]
(HW Love)
Brigadier
DGPO

[Signature]
R.J. CARSON
COLONEL CHIEF ENGINEER
MAR 9 1965
A!

OFFICE OF THE
CHIEF ENGINEER
MAR 9 1964
ARMY HEADQUARTERS

Seen PA [Signature] [Signature]

SECRET

SECRET

Our file ref. **HQS 8933-8-3 (CE)**



~~"FOR CANADIAN EYES ONLY"~~
DEPARTMENT OF NATIONAL DEFENCE

OTTAWA , 28 Feb 64.

Commander
Canadian Army Staff
2450 Massachusetts Avenue, NW
WASHINGTON 8, DC
U.S.A.

Atomic Demolition Munitions (ADMs)
Canadian Army Interest

1. As you are aware, the present state of knowledge and training in Canada with respect to ADMs is most unsatisfactory. It is now considered necessary to begin training in the Canadian Army for the following reasons:

- a. In order to operate efficiently with US and British formations, both now training on ADMs.
- b. Because of the operational aspects of ADM employment planned in our area by others, for which 4 CIBG has some Engineer support responsibility.
- c. So that ADM employment can be quickly instituted if so directed.

2. You are requested, therefore, to approach the US Army on this matter, obtain and forward all available information, from UNCLASSIFIED to SECRET, on training for ADMs. This information should include, if possible:

- a. Principles and factors involved in training on and employment of ADMs.
- b. Applicable training precis and lesson plans.
- c. Details of training devices in so far as they can be made available.

(JPE Bernatchez)
Major-General
Vice Chief of the General Staff

~~"FOR CANADIAN EYES ONLY"~~

SECRET

~~SECRET~~

~~"FOR CANADIAN EYES ONLY"~~

, 28 Feb 64.

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U.S.A.

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(JPE Bernatchez)
Major-General
Vice Chief of the General Staff

~~"FOR CANADIAN EYES ONLY"~~

~~SECRET~~

SECRET

HQS 8933-8-3 (0)

"FOR CANADIAN EYES ONLY"

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Major-General
Vice Chief of the General Staff

"FOR CANADIAN EYES ONLY"

SECRET

SECRET

HQS 8933-8-3 (CE)

~~"FOR CANADIAN EYES ONLY"~~

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(JPE Bernatchez)
Major-General
Vice Chief of the General Staff

~~"FOR CANADIAN EYES ONLY"~~

SECRET

SECRET

HQS 8933-8-3 (CE)

"FOR CANADIAN EYES ONLY"

, 28 Feb 64.

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2450 Massachusetts Avenue, NW
WASHINGTON 8, DC
U.S.A.

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(JPE Bernatchez)
Major-General
Vice Chief of the General Staff

"FOR CANADIAN EYES ONLY"

SECRET

~~SECRET~~

HQS 8933-8-3 (CE)

~~"FOR CANADIAN EYES ONLY"~~

, 28 Feb 64.

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Canadian Army Staff
2450 Massachusetts Avenue, NW
WASHINGTON 8, DC
U.S.A.

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- c. Details of training devices in so far as they can be made available.

(JPE Bernatchez)
Major-General
Vice Chief of the General Staff

~~"FOR CANADIAN EYES ONLY"~~

SECRET

**Pages 61 to / à 62
are withheld pursuant to section
sont retenues en vertu de l'article**

13(1)(a)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

DEPARTMENT OF NATIONAL DEFENCE
MINUTE SHEET

SECURITY CLASSIFICATION

SECRET

FILE NUMBER

TO

DATED

18 Feb 64

REFERENCE

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

CE

①

ADMS.

1. DG PO's minute below dated 17 Feb 64 refers.
2. Please reply.

②

DmotP

Robert M. Carson
DMOTP (38)

Confirmed that this letter is still required and essential in my view.

R. M. Carson
COLONEL CHIEF ENGINEER

Our file ref.....



CANADA

DEPARTMENT OF NATIONAL DEFENCE

ARMY

DGPO

*We spoke - this request is not to
be sent to CAS (M) - not show me for
for a good long time*

*- this request is not to
not show me for*

*E BERNATCHE
Major
YCS*
EB
MAR 2 1964

Our file ref.....



CANADA

DEPARTMENT OF NATIONAL DEFENCE

ARMY

CGS.
Can I now send letter at 8/4 Conf.?

Our Log Sgt in Germany has an Ofs
role with regard to ADMs - Although they can
probably get all the info required from Northog
there is a need for our Log Sgt in com to
obtain the info for his purpose.
This request to CAS(W) was deferred
a long time awaiting for Govt decision on
use of nuclear weapons of Cdr Carmel Paves

P. E. BERNATCHES
Major - Colonel
M.C.G.

[Handwritten signature]
MAR 2 1964

000065

MEMO

D 700 P

65/

17 FEB 1964
P
1
2
X

Check with CF whether this
now required.

I believe evidence from H CIRG
re RCF responsibilities in Europe
will now break this freeze-up if
still worth while.

W V LOVEL
BRIG
FEB 17

FEB 17 1964

DEPARTMENT OF NATIONAL DEFENCE

①

MINUTE SHEET

Referred to

REMARKS

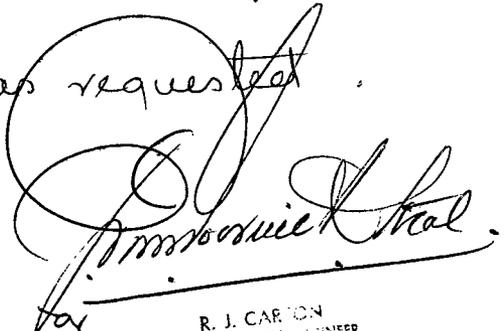
To be signed in full showing Appointment, Telephone Number & Date

DGPO

ADM's

CE's Request

1. At flyleaf is letter for signature amended as requested.



R. J. CARTON
COLONEL CHIEF ENGINEER

SEP 27 1963

③
DGPO
VCGS does not
wish to follow
up yet

EX-100
SEP 28 1963

②
VCGS

I think this is OK now. Pls see DMOP memo below. Signature recommended.

RF
10/2/63



W. LOVE
BRIG
DGPO

SEP 27 1963

000067

SECRET

~~FOR OFFICIAL USE ONLY~~

MEMORANDUM

HQSG 8933-8-3
(DMO&P 3A)

26 Sep 63

DGPO

ADMs - CE's Request

1. The "Agreement between Cda and the US for Cooperation on the Uses of Atomic Energy For Mutual Defence Purposes" dated 14 Jun 59 is permissive as you suggested in your minute of 24 Sep 63. Thus, Para 2 of the letter at flyleaf is not necessary because it adds nothing to the request for training information. It is axiomatic therefore that US Army will provide as much of this information as they are willing to release.

2. It was not visualized during discussions on the Cda/US Nuclear Agreement concerning the Storage of Nuclear Warheads, that 4 CIBG would have a requirement for ADMs. This view is supported by the Brigade's current role in the NORTHAG EDP. Consequently, Annex "A" to the Nuclear Agreement made no provision for ADMs. Notwithstanding, I can see no reason why the Cdn Army and, in particular the RCE Sqn Comd with 4 CIBG, should not carry out as much training as possible on ADMs. For this reason, I support the CE's request to obtain training information on ADMs to the extent possible.

3. DEP have been consulted and agree that with the deletion of para 2, the letter at flyleaf, represents the best approach.

(2)

CE

See this & previous minutes. Pls redraft memo to CAS(w) as suggested above

H. Tellier
(H Tellier)
Colonel
DMO&P

VALUED
BRIG
CGPO

SECRET

~~FOR OFFICIAL USE ONLY~~

SEP 26 1963

DMD & P

RECEIVED	25 SEP 1963	DMD & P	Director	MO 1	MO 2	MO 3 ↓
----------	-------------	---------	----------	------	------	--------

Pls examine the CF request.

The "agreement" he refers to is, as I understand it, the old one for exchange of atomic info. Thus the problem is not directly related to the ^{Tech} agreement now being negotiated by 4 CIBG. It is probably indirectly affected in that the atmosphere is better for release of US info to Canada. Is this so?

The old "info exchange" agreement is not a "prohibition" (as implied in CF's memo para 2) but a permissive document, so that each country may pass info within its own discretion. Is this so?

If my impressions are correct perhaps C.F.'s draft could be improved upon. If I am wrong, what is the fact of the matter?

IH W. LOVET
BRIG
DEPC

SEP 24 1963

Our file ref.....



CANADA

DEPARTMENT OF NATIONAL DEFENCE

ARMY

DGP
In this letter (fly out) in
order particularly with para 2
I still want to see
the can-08 Govt agreement

RECEIVED
SEP 1963

SECRET

MEMORANDUM

HQS 8933-8-3 (E1)
BDF ENGRS 8905-3-P4

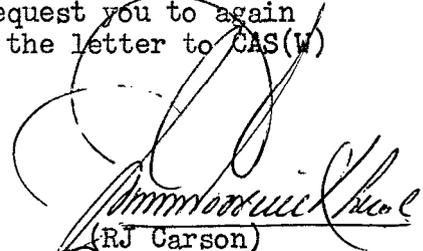
19-16 Sep 63

DGMT

Atomic Demolition Munitions

1. Reference is made to the discussion of ADMs at the VCGS Conference 5 Sep 63 and my memorandum HQS 8933-8-3 (CE) dated 26 Jul 63 hereunder.
2. We have no wish to have the nuclear agreement with US amended in order to provide material or data on ADMs. What we require is information, excluding Restricted Data, that will permit us to train engineer commanders and troops on the uses and employment of ADMs. We also need training models of ADMs. These models need not contain any working parts that might be of a Restricted Data nature, but should be of the approximate size and configuration of the actual ADM.
3. I feel it is essential that this training begin as soon as possible and therefore I would request you to again approach the VCGS with a view to signing the letter to CAS(W) which is attached as the flyleaf.

HTMcC/2-0795/vh


 (R.J. Carson)
 Colonel
 Chief Engineer

②

VCGS
 I recommend your approval & signature
 of letter at fly leaf. Para 2 covers
 adequately the sensitive aspects of
 this request.

GA TURCO
 Brig
 D2417

SECRET

SEP 20 1963

5/29

SECRET

~~(CANADIAN EYES ONLY)~~

MEMORANDUM

HQS 8933-8-3 (CE)

26 Jul 63

DGMT

Atomic Demolition Munitions (ADMs)

- Reference is made to the memoranda of even file at Flags A and B.
- Paragraph 7 of CSC Paper No 1/63 states that the Canadian Armed Forces should develop knowledge of the potential of nuclear weapons so that the capability of their employment can be quickly instituted if so directed. Regardless of whether or not the RCE use ADMs, there is no doubt in my mind that, if a nuclear war occurs, the Corps or higher commander will use these weapons in the Canadian area. For the RCE commander to carry out his role as advisor to the Canadian Bde or Div Comd on ADMs, and to ensure that the RCE is proficient in their use, I consider we must now begin training on these weapons.



These notes provide information as to why

ADMs will be essential in a nuclear war.

While both classified and unclassified US Army field and training manuals relating to ADMs are held by the Canadian Army, considerable other training literature and aids are used by the Corps of Engineers, US Army. It would be most desirable to obtain these, as they have been prepared by the experts. This would also eliminate the possibility of a security violation in using precis and lesson plans prepared from material extracted from classified pamphlets.

I would request that the VCGS be again approached and asked to direct CAS(W) to obtain from the US Army, as much information as possible on training in ADMs. A letter to CAS(W) for the VCGS signature is attached.

⑤ CE
See direction below re -
substant cross-
check by
etc

②
VCGS
Recommended
for your
signature 1/1.

EA TURCO
Brig
DGMT
4, 1963

ES RUSO
Brig
DGMT
JUL 29 1963

③ COS
US/eda element being better
I think we could now send
letter at fly leaf
I shall do so if you agree

RJ Carson
(RJ Carson)
Colonel
Chief Engineer

④ CE This doesn't
time is not ripe yet
to proceed - we must
avoid solution in nuclear
matter with USA

SECRET

~~(CANADIAN EYES ONLY)~~

B. E. BERNATCHEZ
Major-General
VCGS
JUL 31 1963

JUL 31 1963 000073

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

SECURITY CLASSIFICATION

SECRET

FILE NUMBER

HD5 8433-8-3 (ATS) TD

DATED

9 Jul 63.

REFERENCE

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

CE

1. Reference telecon Maj M^cCall - Capt W Beecher of this date, four memos below and the letter at fly leaf.
2. The manuals referred to in the CAS(W) letter at Stage A are available within ADM:
 - a. FM101-31-1 and FM101-31-3, Nuclear Weapons Employment, contains certain information on NDA and contains unclassified tables for ADM Tgt analysis for yield of .5KT, 1KT, 5KT, 10KT, 50KT and 100KT. Both manuals can be obtained on loan from DHT/HTSB. These manuals have been ordered for distribution within the Army and both the GC's office and RCSE have been included in the ^{planned} distribution.

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

SECURITY CLASSIFICATION

FILE NUMBER

TD

REFERENCE

DATED

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

b. FM 101-31-2, Nuclear Weapons Employment, is a 'ZED' list manual which contains ADM test analysis tables for actual speeds. These manuals have been requested from US through DEPT and will be on a very limited distribution.

c. TH 3-210, Fallout Prediction, is the latest manual on fallout prediction. This nuclear effect must be considered when using ADMs. The manual is available, on loan, from DHT/MTS/B.

d. FM 5-26, Employment of ADMs, is a 'ZED' list manual available from DEPT to officers on the 'ZED' List. It would appear to contain the type of information you require.

2.

It is suggested that you:

e. Review the manuals available and decide what additional information is required.

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

SECURITY CLASSIFICATION

FILE NUMBER

TD

REFERENCE

DATED

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

b. If additional information is required, rephrase the letter at flying to request that specific information.

Info.

[Signature]
DMT
9 Jul 62

SECRET~~(FOR CANADIAN EYES ONLY)~~MEMORANDUM

HQ8 8933-8-3 (CE)

29 Jun 63

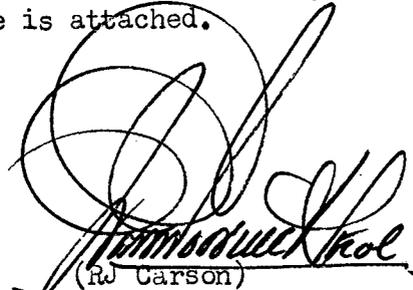
DGMTAtomic Demolition Munitions (ADMs)

1. Reference is made to my memorandum of even file at Flag A.
2. Paragraph 7 of CSC Paper No 1/63 states that the Canadian Armed Forces should develop knowledge of the potential of nuclear weapons so that the capability of their employment can be quickly instituted if so directed. For RCE to carry out its role in so far as nuclear weapons are concerned, I consider that we must begin training on the use of ADMs. Regardless of the policy on the use of these weapons at this time, there is no doubt in my mind that if a nuclear war occurs RCE will be called upon to use ADMs.

[REDACTED]

These notes provide further information as to why ADMs will be essential in a nuclear war.

4. RCE must be as proficient in the use of ADMs as RCA is in the use of other nuclear weapons and thus we should begin training on the same basis as the Artillery. I would request that the VCGS be again approached and asked to contact CAS(W) to obtain as much information on ADMs as possible from the United States Army. A letter to CAS(W) for the VCGS signature is attached.


 (R. Carson)
 for Colonel
 Chief Engineer

Att

~~(FOR CANADIAN EYES ONLY)~~**SECRET**

**Pages 78 to / à 79
are withheld pursuant to section
sont retenues en vertu de l'article**

13(1)(a)

**of the Access to Information Act
de la Loi sur l'accès à l'information**



CE 1038 (TRG) 10730

MAY 31

DEPARTMENT OF NATIONAL DEFENCE

CANADIAN JOINT STAFF	TO	INIT
CE	✓	C
E1		
E2		
E1A	✓	gm
E1B	✓	gm
E1C	✓	gm
E2A		
E2B		
E2C		
SCIK		

Attention: CE

Our file ref. CAS(W) 3310-84/E3(Engr)

2450 Massachusetts Ave., N.W.
Washington 8 D.C.
U.S.A.

24 May 1963

MAY 30 1963

8933-8-3

Chgt to... 24-463

Army Headquarters
Department of National Defence
Ottawa 4, Ontario

Atomic Demolitions Munitions (ADM) Training

- Reference is made to our letter of even file dated 26 Nov 62 a copy of which was sent to you for information.
- Enclosed is a set of ten unclassified photographs of training versions of equipment employed by the US Army in this field. While the photographs themselves are unclassified details as to actual items they represent in the way of yield, weights, firing options etc constitute RESTRICTED DATA (RD). Annex 'A' attached describes in brief terms the item in each photograph. RD information, of course is not available to the Canadian Army.
- It may be of interest to note that requests have been made from several sources in the US Army for preparation and publication of additional, unclassified, detailed field manuals on ADM and related procedures. This has been resisted in turn within the US Army principally by elements of Combat Developments Command (CDC). The Engineer Agency of CDC (USACDCEA) makes the following point in support of this resistance:

"The preparation of DA publications by USACDCEA is guided by principles given verbally by CG CAG 29 Nov 62 as follows:

"Manuals should provide a broad and general technical base for field use and operations rather than provide detailed, step by step guidance to the platoon or squad commander. Implementing operating procedures, techniques, etc should be prepared by the overseas commander in the form of local manuals, SOPs or command plans in support of the operational plans and missions."

- In further rebuttal of the need for additional unclassified, detailed manuals in this field reference is made to FMs 101-31-1 and 101-31-3 of Feb 63. Copies of these two FMs were forwarded with our

PHOTOS
DESTROYED BY
E2B
7-6-63

- 2 -

letter CAS(W) 4521-1 (Engr) over 8933-0 dated 1 May 1963. RD classified manuals in this field are; FM 5-26, FM 101-31-2 and TM 3-210.

JAW Bennett Major
(JAW Bennett)
Brigadier
Commander
Canadian Army Staff (W)

Atts ✓

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

Referred to

REMARKS

To be signed in full showing Appointment, Telephone Number & Date

CE.

Sy 8933-8-3

As correspondence on this file was marked "Cdn Eyes Only," cover on file was changed to read above. This file will have to be kept on permanent charge, reference DND memo S 9435-1 TD1095- dated 8 Jan 62.

Mrs Klavus
Army Index
2-0311

24 Apr 63

000082

CONFIDENTIAL

No. 11
17



Department of National Defence
Army

DGMT

..... 19

This is not well timed.

Hold until we have some indication

of :

(a) attitude of new govt.

(b) " " US to new govt's policy.

for [Signature]
General
1963

000083

APR 16 1963

SECRET

~~FOR CANADIAN EYES ONLY~~

MEMORANDUM

HQS 8933-8-3 (CE)
EDF ENGRS 8905-3-P4 TD 1

10 Apr 63

①
Concern
Wahmley
10 Apr 63

VCGS (through DGMT)

Atomic Demolition Munitions

1. The introduction of the Atomic Demolition Munitions (ADMs) into the US Army represents a major breakthrough in the ability of their engineers to carry out major demolitions quickly and efficiently on the nuclear battlefield. Research and development is now believed to be virtually complete on the first generation of ADMs and to be progressing toward a second generation of more efficient equipments.

GA 100/OT
Brig
1963

APR 22 1963

In the tactical use of ADMs, the current US situation appears to be as follows:

② CE (thru DGMT)

- a. ADMs have been issued to engineer field units.
- b. Units have been trained in their handling and employment.
- c. The doctrine for their employment has been published and distributed.
- d. Commanders and staffs make use of simulated ADMs in training and on exercises as a normal part of their nuclear arsenal.

See memo from

A/VCGR

Wahmley
DMD

18 Apr 63

3. The same situation prevails in the British Army, although not to the same extent.

4. To date very little official information has become available to the Canadian Army due to the security classification of the US information, most of which has been handled as Restricted Data. As a result, no engineer training has been carried out, and no realistic "play" of ADMs in TEWTs and exercises has been possible.

5. However, it is my understanding that a considerable amount of useful US information on doctrine, employment and training could now be made available to the Canadian Army on request, apart from the Restricted Data to which, of course, we are still denied access.

.../2

~~FOR CANADIAN EYES ONLY~~

SECRET

SECRET

~~FOR CANADIAN EYES ONLY~~

- 2 -

6. The information required initially is that which is needed to commence ADM training in the Canadian Army as follows:

- a. RCE technical training on the handling, emplacement and employment of ADMs, and
- b. all-arms training so that ADMs may be introduced into TEWTs, exercises, concentrations, etc.

7. Signature of the attached letter to the Commander, Canadian Army Staff (Washington) requesting him to obtain all available information, is therefore recommended.


(R.J. Carson)
Colonel
Chief Engineer

Att

~~FOR CANADIAN EYES ONLY~~

SECRET

11
17

SECRET

~~FOR OFFICIAL USE ONLY~~

MEMORANDUM

7 HCS 8933-8-3 (CE)
EDF ENCS 8905-3-P4 TD 1

10 Apr 63

WCBS (through DGMT)

Atomic Demolition Munitions

1. The introduction of the Atomic Demolition Munitions (ADM's) into the US Army represents a major breakthrough in the ability of their engineers to carry out major demolitions quickly and efficiently on the nuclear battlefield. Research and development is now believed to be virtually complete on the first generation of ADM's and to be progressing toward a second generation of more efficient equipments.
2. In the tactical use of ADM's, the current US situation appears to be as follows:
 - a. ADM's have been issued to engineer field units.
 - b. Units have been trained in their handling and employment.
 - c. The doctrine for their employment has been published and distributed.
 - d. Commanders and staffs make use of simulated ADM's in training and on exercises as a normal part of their nuclear arsenal.
3. The same situation prevails in the British Army, although not to the same extent.
4. To date very little official information has become available to the Canadian Army due to the security classification of the US information, most of which has been handled as Restricted Data. As a result, no engineer training has been carried out, and no realistic "play" of ADM's in TOW's and exercises has been possible.
5. However, it is my understanding that a considerable amount of useful US information on doctrine, employment and training could now be made available to the Canadian Army on request, apart from the Restricted Data to which, of course, we are still denied access.

.../2

~~FOR OFFICIAL USE ONLY~~

SECRET

~~SECRET~~

~~FOR CANADIAN EYES ONLY~~

- 2 -

6. The information required initially is that which is needed to commence ADM training in the Canadian Army as follows:

- a. NCE technical training on the handling, emplacement and employment of ADMs, and
- b. all-arms training so that ADMs may be introduced into TENTS, exercises, concentrations, etc.

7. Signature of the attached letter to the Commander, Canadian Army Staff (Washington) requesting him to obtain all available information, is therefore recommended.


(RJ Carson)
Colonel
Chief Engineer

Att

FAB/2-0795/mad

~~FOR CANADIAN EYES ONLY~~

~~SECRET~~



CANADA

DEPARTMENT OF NATIONAL DEFENCE

CANADIAN JOINT STAFF

CAS(W) 2102-11 (L)
Our file ref.

2450 Massachusetts Ave., N.W.
Washington 8 D.C.
U.S.A.

14 Apr 61

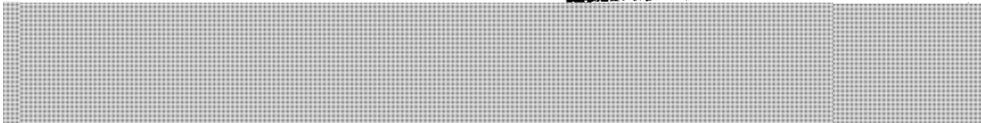
Army Headquarters
Department of National Defence
Ottawa 4, Ontario

<p>Referred to <i>[Signature]</i></p> <p>APR 17 1961 5933-8-31</p> <p>File No. <i>2102-11</i></p> <p>Date to <i>[Blank]</i></p>

①

Attention: DMT

Atomic Demolition Munitions



[Signature]
 7 (TG Gibson)
 Brigadier
 Commander
 Canadian Army Staff (W)

Encls: ✓

Information:

CE
CLO USACGSC

Copy sent

③ DMT
noted thanks
R. J. Hourley Maj
for CE
20 Apr 61

②
Di this leg of interest
to Eng. Dist Cpt
455
18 Apr 61

**Pages 89 to / à 94
are withheld pursuant to section
sont retenues en vertu de l'article**

13(1)(a)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

2-5336

DEPARTMENT OF NATIONAL DEFENCE
 STANDARDIZATION - ENGINEERS
 ATOMIC DEMOLITIONS MUNITIONS

FOR CROSS REFERENCES SEE INSIDE COVER

ROUTING				P.A. & B.F. ENTRIES				REGISTRY ONLY	
REFERRED	REMARKS	DATE OF PASS	INITIALS	DATE OF P.A.	INITIALS	DATE OF B.F.	CANCEL B.F.	DATE RECEIVED	IN-SPECTED
CE	For Retention	24/6/63	mg						
DMT G2		37/6/63	2E						
CE	Top Joles pas	9/6/63	B					JUL 15 1963	
DGMT		29/7/63	B						
VCGS	Memo ps	30/7/63							
CE	Min ⑤ ps	2 Aug 63							
CE	For Retention	21/20							
DGMT	Top folio ultr on flyleaf	12/2/63	mg						
VCGS	Min ② ps	20/2/63							
DmotP		25/10/63							
CE		2/11/63							
VCGS	20 on flyleaf for designation ps	34/27							
DMotP	Named	1/9/64							
CE	DGPO's memo 17 Feb 64	15 Feb 64							
DMotP	Sign 2 ps	20/2/64							
DGlo		24/2/64	km						
DMotP		4/3/64							
CE	memo at file	6/3/64	km						
DMT	mem ps	13/2/65							
DS-4	min ②	14 Jan							
DCR	Memo ps	26 JAN 65						JAN 27 1965	

CONFIDENTIAL EYES ONLY

